VOL. VIII.

YUMA, ARIZONA, SATURDAY, MAY 10, 1879.

NO. 5.

The Arizona Sentinel.

Published every Saturday by the Sentinel Publishing Company. DEORGE TYNG, - - Editor AND GENERAL RUSINESS AGENT.

Subscriptions One year ... Six months. Single copies. Advertisingi Contracts by the year or quarter at re

Job Printing; Legal Bianks, Briefs, Bill-Heads, Letter-Heads, Circulars, Labels, Cards, Pro-trammes, etc., printed in every style, with heatness and dispatch.

Currency taken at par.

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J. C. COGSWELL, Denus. has removed his office from 2a)
Kearney street to the Young
Men's Christian Association Building, 252 Sutter street, near Kearny, San Francisco. The rooms are elegant, con-renient and well yentilated. Friends and patrons are invited to call.

Babbitt Metal

In Quantities to Suit Purchasers

[Correspondence of The South.]

Never was philosophical prowealth with thick?

Then the spirit of prophecy the Castle Dome. came over the g, and old philosointo which the Colorado pours its of the Apache mountains, waters. "See," said he, "you carrier forming part of the foor porphyry and limestone, unmix- tions of the ore having become ed with metal, homogeneous and decomposed and leaving large compact, defying the assaults of and small masses of silver in a Time. Theirs is the rugged and state of almost native purity, lasting independence of poverty, while the main veins of ore Not so with yorder range. Rich beneath carry an exceptionally with the generous metals, its high percentage of the precious rocks have been a premium to metal. The Basin is in fact, a destruction. Every drop of rain reservoir of silver combined as and every breath of wind, from chlorides or in a free state which the time of creation have helped is the most favorable for milling to crumble their primitive struc- purposes. ture. Impregnated with wealth, they have follow in my prey h the elementary of nature; their earthy particles have drifted the Houden, the Lola, the Philoaway in said and dust. The no-

ble metals, once emponent with them, rest in the deep of fis and lasins. The whole surface of the G. Chilson, and immediately mineralized tract has been worn down till it is ten th us and feet nearer the mother springs whence the molten metal rises to fill the chasms and form the true fissure veins which are the delight of miners and the selvation of nations. Crops may fail and manufacturers decay; bût a true fissure vein reaches to the foundations of the earth. If silver and gold can make men rich, then I tell you that there is more wealth concentrated in the hills and dates, in erry in place of selling it, al the rocks and ravines we now though they have had and relook upon than lies on the surface fused an offer of \$200,000. or is buried in the bosom of all

quarters of a century ago, when month. Arizona belonged to Mexico and NTINEL OFFICE. the vast regions west of the Missame character, but is more fully accurately known. L. A. Comm-relat.

the rest of the known world,"

and the aborigines.

Since then, manifest destiny Never was philosophical pro-phecy more thoroughly fulfilled has led our commonwealth to ab-ounces were taken out by Mr. of San Diego. Though very much res-ounces were taken out by Mr. than that of the venerable Alex- sorb the best part of the old Span- Chilsen during the removal of another, also frequent in that locality, 40 California Street, ander Von Humboldt. Seventy- ish colonies; but although Ari- the superficial detritus, and the the trap-door spider. We copy the foltwo years ago that great upon zona became ours twenty years stood upon one of the loffiest ago, for the easy price of ten crests of the Apache Mountains, millions of dollars, we'are only in Northern Mexico. A band of now beginning to perceive the 82 to his faithful followers were around truth of the words of the noble him. They had just come from old German philosopher, and put the wonderful mines of the Vota his wisdom to a practical account. Madre, in Guanaxuato, whose Five years ago Arizona yielded depths had then, within the fifty thousand dollars worth of memory of man, contributed silver. Last year this was ineight hundred million ounces of creased a hundred fold, and bepure silver to the riches of Old came five millions. This year Spain. "Never will the world the increase will be tremendous, see such another mine," said the and the great bulk of it comesparty, as they looked on the arid be it remarked-from the very plains and the ragged rocks line or zone of hills pointed out around them, and thought of the by Humboldt as he stood on the mighty mass of silver they had Apache mountains and indicated been privileged to see. What had with his finger the mining dis-Arizona and its fruitless wastes, tricts now known as the Tombwhich they were then journeying stone, the Globe, Richmond Buover, to compare in grandeur of sin, Silver King, and others on the same line, ter minating with

The most conspicuous verificalpher. With form erect and out- tion of Humboldt's theory of the stretched arm, he turned his fooks immense wealth of Arizona, is to the far west. His snewy locks found in the Richmond Basin waved in the breeze, and his through which runs a broad vein flashing eyes kindled with the of quartz carrying a heavy perfire of inspiration as he swept the centage of silver. The Prisin is horizon from the hills of Santa a hollow of about a mile in area, Rita to the head of the great gulf lying on the southwestern slope line of flegraded heights, once hits of that range. A small mountsfas loftier than these on stream runs through it. Pine and which we stand; now abraded by oak grow in abundance and there time and the elements till their is good phenrige. The nearest pinngers have become plains and town is those City, 10 miles to their crests have melted into val- the south, and connected with leys. World you find streams of it by a fough road. The Southsolid silver, sands yellow with ern Pacific R. R. approaches it golden grains and mines beside nearest at Maricopa Wells distant which those of Guanaxauto and 50 miles as the crow flies, bu Potosi are but toys of a child? owing to canyons and ravines, Look in youder hollows and giving a wagon at least 125 miles depths, and there you will see journey to get here, passing by them. Why do I say this, and the Silver King mine 25' miles' what is my reason? Ask the hills distant: Several very fich seams we stand on, and they shall give or ledges of silver ore run you answer. Their granite and through the Basin, the upper por-

> The mines located and working here are the McMorris and Cosk man staff the Silver Plame. The first located was the Silver Nugget in February, 1875, by Mr. D.

afterwards Messrs. McMorris and Cook took the adjoining claim which they are now working. From this mine a very large amount of silver has been taken by the primitive means of pick and shovel, as neither milling or other mining machinery has yet found its way to the Bisin. The owners are quiet, good-hearted. unspeculative men who prefer making their ten or twelve thousand a mouth out of their prop-

With proper machinery this mine could undoubtedly turn out So spike Von Humboldt three- a hundred thousand ounces a

sissipp! were tenanted by solitude developed and presents a very WE have often been asked the name of large audount of high grade ore, large spider sometimes found in Arizona, Over one hundred thousand but very abundant in the neighborhood average value of the ore exposed lowing from Wood's Natural History: is about one hundred and fifty. The great cran-spirit belongs to the offinces of the ton. The uffine has typical genus of this hest been stocked in this city at to prey upon your a million dollars, with Gen. Sickless and Hon. Geo. S. Boutwell, themselves to the los . I similar be-President and Vice-President, generality of the spiner race. All spiners The development of this mine are carnivorous, the dimensions of their

Nigget and is a section of the suck the juices of some of the smaller same magnificent vein. The and more helpless vertebrates. explorations made show the same In Madame Merian's well known work

In I about five feet wide with bodily denounced as labulo s. ch average are. Two shaits of | falely, however, the My of has be

The workers and owners of the l bove properties form the poperthree fadies, wives of some of the plants are charged, slackens its walk. mond camp. Mrs. Riggs is an excellent shot, and no one in the prevailing features of the settle-

In this review we must not omit the McDowell claim, which has all the worth of its neighbors,

Ett Eleve materially aftered Its the center of the Crines. and the other mines there, is in operation. There is liftle doubt water being at 70 degrees, one gallon able a silver deposit as the cale. of same at the above temperature is albratef Comstock lode, as, in fact, most exactly 8.3 pounds: its first developments have already been much richer. This picture of the mines in their present state will be an interesting contrast when the changes impending actually occur.

R. W. C. M.

The Silver Nugget is of the guage in which they are written is not

x-Secretary of the U. S. T., as aga which consider to food of the will be of incalculable value to prey varying with those of the destroyer and it is by no means an illogical supposition that a spider whose spread of The Lola adjoins the Sifver limb equals that of a human hand, might

remargable richness and size of on the insects of Surinam, there is a careore body. It will probably be ful and ferelble sketch of one of these ore body. It will probably be great spiders (Mygale Avicularia) engaged in preying upon a humaning bird, which will yield a large return on that it seems to have taken out of its nest. She gives also a description of this spider, The Richmond comes next. It mentioning that it chiefly feeds upon was located by Messrs. John Al- ants, but that when they fail, it climbs vaney and Dick Dickey, who the trees and catches the humming birds. were previously employed as the spider received the specific name of packers i. e. conveyers of stores Acicularia, in consequence of its birdpacked on mules to the Govern- catching propensities. After a while, military posts. It was sold by however, several per ons ventured to disthem to Messrs. Risbridger and credit the story, and at last both the ac-Campbell, the first from Canada, count and the illustration were set down the other a Saint Louis man, who as simple labrications of the imagination. now hold it. A large amount of Experiments were also tried, dead humming birds being put into the dens of silver has been broken out by these spiders, without any result, and the very small developments. The whole of Madame Merian's account was

feet each are down but the seen repeatedly to kill the young not cates heady of ore is yet un-

fatfor of this sectuded mining bush in the clefts of hollow ravines, in camp, buried as it were in a dis- volcanic tofas, or in decomposed lava. It fart valley, amidst the sublimest often travels to a considerable distance mountain scenery in the world; and conceals itself under leaves to surprise its prey, or it climbs on the branch-There are about forty or fifty in es of trees to surprise the Coubris ti.e. all, cut off from the rest of hu- humming bards) and the Certhia Flaveola manify for want of good roads (a bird allied to our common tree creepand failway facilities. They are er.) It usually takes advantage of the Fremarkably happy and well-be- night to attack enemies, and it is comhaved community, a fact doubt. monly on its return toward its burrows less due to the presence of two or catch it, when the dew, with which the

proprietors. The family of Mr. | Trie muscular force of the Mygale is Riggs especially, adds greatly to very great, and it is particularly difficult the many attractions of the Rich- te make it let go the onjects which it has seized, even when their surface affords no purchase, either to the hooks with which its tursi are armed, or to the claws which district can bring down a deer or it employs to kill the birds and the anolls a turkey at a longer range. Hos- (a kind of tree lizard). The obstinacy and pitality and good humor are the officeness which it exhibits in combat cease only with its life. Some, pierced twenty times in the corselet, continued to assail their adversaries without show ing a desire to escal 2.

Ox the Comstock, I believe, a majority much of the ore having given of the persons using the term "miners" cer I we thousand ounces of sil- inch" mean a flow of water equal to 12 Braces,

character, when the machinery of contraction is taken at 6-10, being an for working the Silver Nugget average value from experiments, with an opening of one square inch cut through a two-inch plank, the temperature of the that it will prove to be as remark- equalling 231 cubic inches, and the weight

Head to Cen- ter of Open- ing.	Discharge per Minute in		
	Cable Ft	Gallons	Lin
4 inches 5 mehes 6 inches 7 inches 8 inches 9 inches 10 inches	1.159 1.262 1.417 1.532 1.637 1.737 1.830	8,669 9,665 10,599 11,460 12,245 12,963 13,689	71.96 80.23 87.98 95.12 101.63 107.84 113.63

A cuctous ancient Mexican library has height or length, the co-efficient of conbeen found in the ruins of a vast palace at traction, due to friction, and with it the Nayi, near Chiapas, in Southern Mexico. quantity of discharge, will vary; and The writings are inscribed on terra-cotta littace, when "miness' luches" are spoken tablets, half an inch thick, and are sup- of, all the conditions affecting the disposed to be sacred records, but the lan-charge or measurement should be given, if anything more than a guess at the quantity meant is desirable, -W. R. Eckart, in Territorial Enterprise

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